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R		1.	12/28/1976	3,999,345	Mc	Kelvey					
		2.	11/13/1979	4,174,384	Ulli	man et al.			1		
		3.	04/14/1981	4,261,968	Ulli	man et al.					
		4.	07/03/1984	4,458,066	Car	uthers et al.					
		5.	04/15/1986	4,582,788	Erli	ch					
		6.	10/24/1989	4,876,187	Duc	k et al.			,		
		7.	02/26/1991	4,996,143	Hel	ler et al.					
		8.	04/30/1991	5,011,769	Duc	k et al.					
		9.	12/08/1992	5,169,766	Sch	uster et al.					
		10.	12/29/1992	5,175,243	Ash		1				
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	\dagger	12.	09/23/1994	5,340,716	Ulli	nan et al.	1			\top	
		13.	03/21/1995	5,399,491	Kac	ian et al.	1				- <u></u> -
		14.	04/04/1995	5,403,711	Wa	lder et al.		T		1-1	·
		15.	06/27/1995	5,427,929	Ric	hards et al.	1				
		16.	06/27/1995	5,427,930	Birl	kenmeyer et al.	 			1-1	
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6	AUE	27.	08/26/1997	5,660,988	Duc	k et al.	1		لد			
1		28.	10/21/1997	5,679,512	Lan	ey et al.						
		29.	10/21/1997	5,679,524	Nik	iforov et al.						
		30.	11/04/1997	5,683,879	Lan	ey et al.						
		31.	11/11/1997	5,686,272	Ma	rshall et al.						
		32.	11/18/1997	5,688,648	Ma	thies et al.						
		33.	12/23/1997	5,700,642	Mo	nforte et al.						
	T	34.	01/20/1998	5,709,994	Pea	se et al.						
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-	1-	36.	03/24/1998		Duc	k et al.						
	\top	37.	04/28/1998		Ma	mone et al.						
	1	38.	06/09/1998	5,763,178	Chi	rikjian et al.						
		39.	06/16/1998	5,766,846	Sch	lossmacher et al.						
	1	40.	10/20/1998	5,824,517	Cle	uziat et al.						
		41.	10/20/1998	5,824,518	Kad	cian et al.						
	1	42.	11/03/1998	5,830,655	Мо	nforte et al.						
	1	43.	12/29/1998	5,854,033	Liz	ardi						
	1	44.	03/02/1999	5,876,976	Ric	hards et al.						
	T	45.	03/16/1999	5,882,867	Ull	man et al.						
	1	46.	03/30/1999	5,888,779	Ka	cian et al.			_			
	\top	47.	03/30/1999	5,888,819	Go	elet et al.		<u> </u>				
	1	48.	07/20/1999	5,925,517	Ту	agi et al.						
	1	49.	12/21/1999	6,004,744	Go	elet et al.						
		50.	12/21/1999	6,004,745	An	nold, Jr. et al.						
		51.	01/11/2000	6,013,431	Sö	derlund et al.						
		52.	02/22/2000	6,027,889	Ba	rany et al.						
		53.	02/22/2000	6,027,923	W	allace						
		54.	02/29/2000	6,030,774	La	ney et al.						
		55.	03/14/2000	6,037,152	Ri	chards et al.						
		56.	07/11/2000	6,087,103	Bu	rmer						
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	59.	08/28/2001	6,280,935 ві	Ma	cevicz		Ш				
	60.	10/23/2001	6,306,365 ві	Ruc	oslahti et al.					<u> </u>	
	61.	10/30/2001	6,309,843 ві	Tin	nms						
	62.	11/13/2001	6,316,229 ві	Liza	ardi et al.						
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FOREIGN PATENT DOCUMENTS Examiner Ref. Date Document No. Country Class Subclass Translation											
Examiner Initials	Ref. No.	Date	Document No.		Country	Lia	33	Sub	Ciass	YES	NO
Q)_	64.	04/21/1988	WO 88/02746 A1	WI	PO]	Abstract	
	65.	09/17/1992	WO 92/15712 A1	WI	PO						
	66.	08/10/1995	WO 95/21271 A1	WI	PO						
	67.	09/04/1997	WO 97/32040 A2	WI	PO						
	68.	12/30/1998	WO 98/59066 AI	WI	PO						
	69.	08/26/1999	WO 99/42618 A1	WI	PO						
	70.	11/04/1999	WO 99/55912 AI	WI	PO						
	71.	02/24/2000	WO 00/09745 A1	WI	PO						
	72.	09/28/2000	WO 00/56925 A2	WI	PO					<u> </u>	
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Examiner Initials	Ref. No.	Title									
a	74.	Attaching Ty	and P.C. Zamecnik. () wo Different Reporte	r Gro	oups," Nucl. Acids.	Res. 18	<u>(18):</u>	<u>5419-5</u>	423.		
	75.	Beaucage S.L. and M.H. Caruthers. (1981). "Deoxynucleoside Phosphoramidites-A New Class of Key Intermediates for Deoxypolynucleotide Synthesis," <i>Tetrahedron Lett.</i> 22(20):1859-1862.									
À	76.	Brown et al. (1979). "Chemical Synthesis and Cloning of a Tyrosine tRNA Gene," Meth. Enzymol. 68:109-151.									
as	77.		. (1996). "Use of a cD sture Genetics 14:457			lyse Ger	ne Ex	(pressi	on Pat	terns in Hu	iman
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IRA	DEMARK							
Q-	78.	251:767-773.	Spatially Addressable Parallel Chemical Synthesis," Science					
	79.	Freier et al. (1986). "Improved Free-E Proc. Natl. Acad. Sci. U.S.A. 83:9373-	.9377					
	80.	Goodchild J. (1990). "Conjugates of C Their Synthesis and Properties," Biocc	onjugate Chem. 1(3):165-187.					
	81.	Lockhart et al. (1996). "Expression M Arrays," Nature Biotechnology 14:16	onitoring by Hybridization to Hi 75-1680.	ght-Density Oligonucleotide				
	82.	MacMillan A.M. and G.L. Vetdine. (1 Oligodeoxynucleotides by the Conver	tible Nucleoside Approach," J. C	Org. Chem. 55:5931-5933.				
	83.	Makos U. and E.M. Southern. (1992). Linker for Oligonucleotide Synthesis situ," Nuc. Acids. Res. 20(7):1679-168	and Hybridisation Properties of 6 84.	Oligonucleotides Synthesised in				
	84.	Narang et al. (1979). "Improved Phos Enzymol. 68:90-99.						
	85.	Pease et al. (1994). "Light-Generated Proc. Natl. Acad. Sci. U.S.A. 91:5022	-5026.					
	86.	Pieles et al. (1989). "Preparation of a the Facile Solid Phase Synthesis of Ps Crosslink to a Given Target Sequence	oralen-Modified Oligonucleotid	es for a Sequence Specific				
	87.	Roget et al. (1989). "Synthesis and Us Bearing a Reporter Group: Biotinyl, I 7651.	se of Labelled Nucleoside Phosp Dinitrophenyl, Pyrenyl and Dans	horamidite Building Blocks yl," Nucl. Acids. Res. 17:7643-				
	88.	Schena et al. (1995a). "Quantitative N DNA Microarray," Science 270:467-4	fonitoring of Gene Expression P 170.	atterns with a Complementary				
	89.	Schena et al. (1995b). "Parallel Huma of 1000 Genes," Proc. Natl. Acad. Sci.	n Genome Analysis: Містоаттау і. <i>U.S.A</i> . 93:10614-10619.	-Based Expression Monitoring				
	90.	Shalon et al. (1996). "A DNA Microa Color Fluorescent Probe Hybridizatio	rray System for Analyzing Com n," <i>Genome Res</i> . 6:639-645.	plex DNA Samples Using Two-				
	91. Tesler et al. (1989). "Synthesis and Characterization of DNA Oligomers and Duplexes Containing Covalently Attached Molecular Labels: Comparison of Biotin, Fluorescein, and Pyrene Labels by Thermodynamic and Optical Spectroscopic Measurements," J. Am. Chem. Soc. 111:6966-6976.							
	92. Tinoco et al. (1973). "Improved Estimation of Secondary Structure in Ribonucleic Acids," Nature New Bio. 246:40-41							
W	93.	Wu D.Y. and R.B. Wallace. (1989). " Specific DNA Sequences Using Sequences 4:560-569.	The Ligation Amplification Rea ential Rounds of Template-Depo	ction (LAR)-Amplification of endent Ligation," Genomics				
EXAM	INER:	allean H. Al	DATE CONSIDERED:	1/7/04				
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as	1.	02/03/2004	6,686,156	Kurn			. 1		
as	2.	02/17/2004	6,692,918	Kurn					
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U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	No.	Document No.	Name	Class	Subclass	Filing Date If Appropriate
W.	1.		3,999,345	McKelvey			
1	2.	11/13/1979	4,174,384	Ullman et al.			
	3.	04/14/1981	4,261,968	Ullman et al.			
	4.	07/03/1984	4,458,066	Caruthers et al.			
	5.	04/15/1986	4,582,788	Erlich			
	6.	10/24/1989	4,876,187	Duck et al.			
	7.	02/26/1991	4,996,143	Heller et al.			
	8.	04/30/1991	5,011,769	Duck et al.			
	9.	12/08/1992	5,169,766	Schuster et al.			
	10.	12/29/1992	5,175,243	Ash	T		
	11.	02/09/1993	5,185,243	Ullman et al.			
	12.	09/23/1994	5,340,716	Ullman et al.			
	13.	03/21/1995	5,399,491	Kacian et al.			
	14.	04/04/1995	5,403,711	Walder et al.			
	15.	06/27/1995	5,427,929	Richards et al.			
	16.	06/27/1995	5,427,930	Birkenmeyer et al.			
	17.	01/02/1996	5,480,784	Kacian et al.			
	18.	02/13/1996	5,491,063	Fisher et al.			
	19.	04/23/1996	5,510,270	Fodor et al.			
	20.	09/10/1996	5,554,516	Kacian et al.			
	21.	09/10/1996	5.554.517	Davey et al.			
	22.	09/17/1996	5,556,752	Lockhart et al.			
	23.	10/15/1996	5.565,322	Heller			
	24.	11/26/1996	5,578,832	Trulson et al.			
	25.	07/15/1997	5,648,211	Fraiser et al.			
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	Filing Date December 13, 2001	Group Art Unit To Be Assigned					

Mailing Date February 20, 2002

as	27.	08/26/1997	5,660,988	Duck et al.				
	28.	10/21/1997	5,679,512	Laney et al.				
	29.	10/21/1997	5,679,524	Nikiforov et al.				
	30.	11/04/1997	5,683,879	Laney et al.				
	31.	11/11/1997	5,686,272	Marshall et al.				
	32.	11/18/1997	5,688,648	Mathies et al.				
	33.	12/23/1997	5,700,642	Monforte et al.				
	34.	01/20/1998	5,709,994	Pease et al.				
	35.	01/20/1998	5,710,028	Eyal et al.				
	36.	03/24/1998	5,731,146	Duck et al.				
	37.	04/28/1998	5,744,312	Mamone et al.				
	38.	06/09/1998	5,763,178	Chirikjian et al.				
	39.	06/16/1998	5,766,846	Schlossmacher et al.			, , , , , , , , , , , , , , , , , , , ,	
	40.	10/20/1998	5,824,517	Cleuziat et al.				
	41.	10/20/1998	5,824,518	Kacian et al.				
	42.	11/03/1998	5,830,655	Monforte et al.				
	43.	12/29/1998	5,854,033	Lizardi				
	44.	03/02/1999	5,876,976	Richards et al.				
	45.	03/16/1999	5,882,867	Ullman et al.				
	46.	03/30/1999	5,888,779	Kacian et al.				
	4 7.	03/30/1999	5,888,819	Goelet et al.				
	48.	07/20/1999	5,925,517	Tyagi et al.				
	49.	12/21/1999	6,004,744	Goelet et al.				
	50.	12/21/1999	6,004,745	Arnold, Jr. et al.				
	51.	01/11/2000	6,013,431	Söderlund et al.				
	52.	02/22/2000	6,027,889	Barany et al.				
	53.	02/22/2000	6,027,923	Wallace				
	54.	02/29/2000	6,030,774	Laney et al.				
	55.	03/14/2000	6,037,152	Richards et al.				
	56.	07/11/2000	6,087,103	Burmer	1 -			
a	57.	08/22/2000	6,107,061	Johnson				
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PTO SB 08 (2-92) Sheet 3 of 4 Application Number 10 017,880 Docket Number 492692000300 Form PTO-1449 ITATION Applicant INFORMATION DISCUSSI North KURN IN AN APPLICATION Group Art Unit To Be Assigned (Use several sheets if necessary) Filing Date December 13, 2001 Mailing Date February 20, 2002 as 58. 06/26/2001 6,251.639 BE Kum 59. 08/28/2001 6.280,935 BI Macevicz 6,306,365 вт Ruoslahti et al. 60. 10/23/2001 6,309,843 вт Timms 61. 10/30/2001 6,316,229 вт Lizardi et al. 62. 11/13/2001 63. 12/04/2001 6.326,142 вт Royer FOREIGN PATENT DOCUMENTS Ref. Date Document No. Country Class Subclass Translation Examiner YES Initials No. 04/21/1988 WO 88/02746 A1 WIPO 64. Abstract 09/17/1992 WO 92/15712 A1 WIPO 65. WO 95/21271 AT WIPO 08/10/1995 66. 67. 09/04/1997 WO 97/32040 A2 **WIPO** 12/30/1998 WO 98/59066 AT **WIPO** 68. WIPO 69. 08/26/1999 WO 99/42618 AT **WIPO** 70. 11/04/1999 WO 99/55912 AT WO 00/09745 AT WIPO 71. 02/24/2000 WO 00/56925 A2 **WIPO** 72. 09/28/2000 03/22/2001 WO 01/20035 A2,3 **WIPO** 73. OTHER DOCUMENTS (including author, title, Date, Pertinent Pages, Etc.) Ref. Title Examiner Initials No. 74. Agrawal S. and P.C. Zamecnik. (1990). "Site Specific Functionalization of Oligonucleotides for Attaching Two Different Reporter Groups," Nucl. Acids. Res. 18(18):5419-5423. Beaucage S.L. and M.H. Caruthers. (1981). "Deoxynucleoside Phosphoramidites-A New Class of 75.

EXAMINER: alesah II.

Cancer," Nature Genetics 14:457-460.

68:109-151.

DATE CONSIDERED: 3/29/04

ENAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Key Intermediates for Deoxypolynucleotide Synthesis," *Tetrahedron Lett.* 22(20):1859-1862. Brown et al. (1979), "Chemical Synthesis and Cloning of a Tyrosine tRNA Gene," *Meth. Enzymol.*

DeRisi et al. (1996). "Use of a cDNA Microarray to Analyse Gene Expression Patterns in Human

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Sheet 4 of 4 Application Number 10 017,880 Docket Number 492692000300 Form PTO-1449 Applicant INFORMATION DISCOSURE C Nurith KURN IN AN APPLICATION Group Art Unit To Be Assigned (Use several sheets if necessary) Filing Date December 13, 2001 Mailing Date February 20, 2002 Fodor et al. (1991). "Light-Directed, Spatially Addressable Parallel Chemical Synthesis," Science 78. al 251:767-773. Freier et al. (1986). "Improved Free-Energy Parameters for Predictions of RNA Duplex Stability." 79. Proc. Natl. Acad. Sci. U.S.A. 83:9373-9377. Goodchild J. (1990). "Conjugates of Oligonucleotides and Modified Oligonucleotides: A Review of 80. Their Synthesis and Properties," *Bioconjugate Chem.* 1(3):165-187. Lockhart et al. (1996). "Expression Monitoring by Hybridization to Hight-Density Oligonucleotide 81. Arrays," Nature Biotechnology 14:1675-1680. MacMillan A.M. and G.L. Vetdine. (1990). "Synthesis of Functionally Tethered 82. Oligodeoxynucleotides by the Convertible Nucleoside Approach," J. Org. Chem. 55:5931-5933. Makos U. and E.M. Southern. (1992). "Oligonucleotide Hybridisations on Glass Supports: A Novel 83. Linker for Oligonucleotide Synthesis and Hybridisation Properties of Oligonucleotides Synthesised in situ," Nuc. Acids. Res. 20(7):1679-1684. Narang et al. (1979). "Improved Phosphotreister Method for the Synthesis of Gene Fragments," Meth. 84. Enzymol. 68:90-99. Pease et al. (1994). "Light-Generated Oligonucleotide Arrays for Rapid DNA Sequence Analysis," 85. Proc. Natl. Acad. Sci. U.S.A. 91:5022-5026. Pieles et al. (1989). "Preparation of a Novel Psoralen Containing Deoxyadenosine Building Block for 86. the Facile Solid Phase Synthesis of Psoralen-Modified Oligonucleotides for a Sequence Specific Crosslink to a Given Target Sequence," Nucl. Acids. Res. 17(22):8967-8978. Roget et al. (1989). "Synthesis and Use of Labelled Nucleoside Phosphoramidite Building Blocks 87. Bearing a Reporter Group: Biotinyl, Dinitrophenyl, Pyrenyl and Dansyl," Nucl. Acids. Res. 17:7643-7651. Schena et al. (1995a). "Quantitative Monitoring of Gene Expression Patterns with a Complementary 88. DNA Microarray," Science 270:467-470. Schena et al. (1995b), "Parallel Human Genome Analysis: Microarray-Based Expression Monitoring 89. of 1000 Genes," Proc. Natl. Acad. Sci. U.S.A. 93:10614-10619. 90. Shalon et al. (1996). "A DNA Microarray System for Analyzing Complex DNA Samples Using Two-Color Fluorescent Probe Hybridization," Genome Res. 6:639-645. Tesler et al. (1989). "Synthesis and Characterization of DNA Oligomers and Duplexes Containing 91. Covalently Attached Molecular Labels: Comparison of Biotin, Fluorescein, and Pyrene Labels by Thermodynamic and Optical Spectroscopic Measurements," J. Am. Chem. Soc. 111:6966-6976. Tinoco et al. (1973). "Improved Estimation of Secondary Structure in Ribonucleic Acids," Nature 92. New Bio. 246:40-41 Wu D.Y. and R B. Wallace. (1989). "The Ligation Amplification Reaction (LAR)-Amplification of 93. Specific DNA Sequences Using Sequential Rounds of Template-Dependent Ligation," Genomics 4:560-569. DATE CONSIDERED: EXAMINER: 3/29/04

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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a		1.	03/29/2001	2001/0000077	Eng	elhardt et al.				
		2.	05/16/2002	2002/0058270	Kur	n				
		3.	08/22/2002	2002/0115088	Kur	n				
		4.	01/23/2003	2003/0017591	Kur	n				
		5.	05/08/2003	2003/0087251 Kurn		n				
		6.	12/07/1976	3,996,345 Ullm		nan and Schwarzburg				
	-	7.	07/28/1987	4,683,194 Saik		ci and Erlich				
		8.	04/28/1998	5,744,308	Gui	llou-Bonnici et al.				
		9.	12/08/1998	5,846,710	Baj	aj				
		10.	12/15/1998	5,849,547	Cle	uziat et al.		-		
		11.	02/16/1999	5,871,697	Rot	hberg et al.				
		12.	09/28/1999	5,958,681	We	tmur et al.				
		13.	04/17/2001	6,218,151	Cle	uziat et al.				
6		14.	10/30/2001	6,309,842	Dov	ver et al.				
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JP 07-023799

Abstract

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Form PTO-1449

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(Use several sheets if necessary)

Docket Number 492692000300

Application Number 10/017,880

Applicant

Nurith KURN

Filing Date December 13, 2001

Group Art Unit 1637

Mailing Date September 23, 2003

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as	25.	02/02/1995	WO 95/03426	WIPO		Abstract	
	26.	02/06/1997	WO 97/04126	WIPO		Abstract	
	27.	07/02/1998	WO 98/28443	WIPO			
	28.	04/15/1999	WO 99/18241	WIPO			
	29.	06/17/1999	WO 99/29901	WIPO			
	30.	08/12/1999	WO 99/40219	WIPO			
	31.	11/23/2000	WO 00/70095	WIPO			
	32.	01/03/2002	WO 02/00938	WIPO			
	33.	04/11/2002	WO 02/29117	WIPO	 		
	34.	06/20/2002	WO 02/48402	WIPO			
a	35.	09/19/2002	WO 02/072772	WIPO			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title	
al	36.	Ausubel, F.M. et al., Eds. (1995). <u>Current Protocols in Molecular Biology</u> . John Wiley & Sons, Inc. pp. iii-xii (Table of Contents).	
	37.	Fu, Dong-Jing et al., (1997) "Sequencing Double-Stranded DNA by Strand Displacement" <i>Nucleic Acids Research</i> 25(3):677-679.	
	38.	Guatelli, J. C. et al. (1990). "Isothermal, in vitro Amplification of Nucleic Acids by a Multienzyme Reaction Modeled After Retroviral Replication," Proc. Natl. Acad. Sci. USA 87:1874-1878.	
	39.	Lishanski, A. et al. (2000). "Branch Migration Inhibition in PCR-Amplified DNA: Homogeneous Mutation Detection," <i>Nucleic Acids Research</i> 28(9):E42, pp. i-vii.	
	40.	Orita, M. et al. (1989). "Detection of Polymorphisms of Human DNA by Gel Electrophoresis as Single-Strand Conformation Polymorphisms," <i>Proc. Natl. Acad. Sci. USA</i> 86(8):2766-2770.	
	41.	Orita, M. et al. (1989). "Rapid and Sensitive Detection of Point Mutations and DNA Polymorphisms Using the Polymerase Chain Reaction," <i>Genomics</i> 5:874-879.	
	42.	Patel, R. et al. (1996). "Formation of Chimeric DNA Primer Extension Products by Template Switching Onto an Annealed Downstream Oligonucleotide," <i>Proc. Natl. Acad. Sci. USA</i> 93:2969-2974.	
	43.	Sarkar et al. (1992). "Screening for Mutations by RNA Single-Strand Conformation Polymorphism (rSSCP): Comparison with DNA-SSCP," <i>Nucleic Acids Research</i> 20(4):871-878.	
		Suzuki, Y. et al. (1990). "Detection of ras Gene Mutations in Human Lung Cancers by Single-Strand Conformation Polymorphism Analysis of Polymerase Chain Reaction Products," Oncogene 5:1037-1043.	

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DATE CONSIDERED: 3/24/04

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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PTO/SB/ 08 (2-92)

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) Applicant Filing Date December 13, 2001 Mailing Date September 23, 2003 45. Walker, G. T. et al. (1992). "Isothermal in vitro Amplification of DNA by a Restriction

Enzyme/DNA Polymerase System," Proc. Natl. Acad. Sci. USA 89:392-396.

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EXAMINER:

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DATE CONSIDERED:

3/29/04

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.